

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the above-captioned patent application:

**Listing of Claims:**

1-14. (Cancelled)

15. (New) A signal transmission unit, comprising:

a signal transmitter transmitting a baseband video signal having a decoded video signal and transmitting information specifying video format of a video signal before the decoded video signal is decoded.

16. (New) A signal transmission unit, comprising:

a signal transmitter transmitting a baseband video signal having a decoded video signal and transmitting information specifying video format by which the video signal is encoded.

17. (New) The signal transmission unit according to claim 15, wherein

the information is transmitted in a blank period of the baseband video signal.

18. (New) The signal transmission unit according to claim 16, wherein

the information is transmitted in a blank period of the baseband video signal.

19. (New) A signal transmission method, comprising:

transmitting a baseband video signal having a decoded video signal; and  
transmitting information specifying video format of a video signal before the decoded video signal is decoded.

20. (New) A signal transmission method, comprising:

transmitting a baseband video signal having a decoded video signal; and

transmitting information specifying video format by which the video signal is encoded.

21. (New) The signal transmission method according to claim 19, wherein the information transmitted in a blank period of the baseband video signal.

22. (New) The signal transmission method according to claim 20, wherein the information transmitted in a blank period of the baseband video signal.

23. (New) A signal transmission apparatus, comprising  
a signal transmitter operable to transmit a baseband video signal having a decoded video signal and operable to transmit information specifying a picture decoding method of a predetermined standard used to decode a video signal before the decoded video signal is decoded.

24. (New) A signal transmission apparatus, comprising:  
a signal transmitter operable to transmit a baseband video signal having a decoded video signal and operable to transmit information specifying a picture encoding method of a predetermined standard used to encode a video signal to the decoded video signal.

25. (New) A signal receiving apparatus, comprising:  
a receiver operable to receive a baseband video signal having a decoded picture and operable to receive information specifying a picture decoding method of a predetermined standard used to decode a picture before the decoded picture is decoded; and

a controller operable to control quality of the decoded video signal by each picture, using the information.

26. (New) A signal receiving apparatus, comprising:  
a receiver operable to receive a baseband video signal having a decoded picture and operable to receive information specifying a picture encoding method of a predetermined standard used to encode a picture; and  
a controller operable to control quality of each decoded picture, using the information.

27. (New) The signal receiving apparatus according to claim 25, wherein noise elimination is preformed for each picture by the controller.

28. (New) The signal receiving apparatus according to claim 26, wherein noise elimination is preformed for each picture by the controller.

29. (New) The signal transmission apparatus according to claim 23, wherein the predetermined standard is MPEG standard and the picture encoding method is discriminated by I, P, and B pictures.

30. (New) The signal transmission apparatus according to claim 24, wherein the predetermined standard is MPEG standard and the picture encoding method is discriminated by I, P, and B pictures.

31. (New) The signal transmission apparatus according to claim 23, wherein the predetermined standard is MPEG standard and the picture decoding method is discriminated by I, P, and B pictures.

32. (New) The signal transmission apparatus according to claim 24, wherein the predetermined standard is MPEG standard and the picture decoding method is discriminated by I, P, and B pictures.